

# Opasraportti

## OyKKK - Master of Science, Financial and Management Accounting (FMA) (2018 - 2019)

This guide describes the contents of this master's programme. More information about studying at the business school can be found in the general study guide for Oulu Business School's master level students.

### Master's Programme in Financial and Management Accounting

In the world of international business, there is a growing need in financial and management accounting for professionals, who meet the requirements set by the firms operating in a global business environment. Our graduates will be equipped with numerous capabilities needed in the business world.

### General Learning Outcomes

- Analytical thinking and problem solving – our graduates are able to solve business and/or economic problems and make business decisions.
- Disciplinary knowledge – our graduates demonstrate deep and coherent understanding of an academic field of study.
- Business knowledge - our graduates demonstrate deep understanding of their own profession, and are able to use, process and analyze economic and/or business information.
- Globally responsible leadership – our graduates are able to act as future generators of sustainable value for business and society.
- Communication skills - our graduates demonstrate professional oral and written communication knowledge and skills appropriate for business situations.

List of courses and teaching timetable are available in [FMA degree structure diagram](#).

### After taking the master's level studies in accounting the student will:

- be able to apply the central research areas and theories of accounting in challenging assignments
- be able to develop the analysis process of the financial information on the grounds of research results and theories to assist in decision-making processes
- be able to apply the theoretical foundations of firm valuation and financial statement analysis in diverse and dynamic decision-making circumstances
- be able to apply the focal theoretical and empirical research results of auditing into the auditing process
- be able to apply different theories of firm valuation to process of planning IFRS financial statements
- have the capabilities to act independently and as a member of work community in challenging international financial assignments
- be able to use the methods of cost accounting and select those methods based on theoretical reasoning

# Tutkintorakenteet

## Financial and Management Accounting (FMA), International Master's Programme

Tutkintorakenteen tila: julkaistu

Lukuvuosi: 2018-19

Lukuvuoden alkamispäivämäärä: 01.08.2018

### Major studies (120 - 130 op)

In FMA programme there are two alternative fields of specialization (financial accounting and management accounting). Student chooses one of these specializations and takes courses accordingly.

Please, check the course requirements for each specialization on the [FMA degree diagramme](#).

Note 1: Please note that course Management Control is normally worth 5 credits. FMA students need to write an additional essay (1 credit) to gain full 6 credits. Instructions can be received from the teacher of the course.

Note 2: International (non-Finnish) FMA students can include Finnish language studies (max. 6 credits) into their degrees. Finnish language studies can be included in Module 1 (see degree diagramme).

H631236: Laskentatoimen kansainvälinen maisteriohjelma, 120 - 130 op

#### *Pääaineen opinnot*

- 721137S: International Financial Reporting, 6 op
- 721128S: Corporate Governance, 6 op
- 721066S: Principles of Econometrics, 6 op
- 724204A: Management Control, 5 op
- 721957S: Fundamentals of Finance, 6 op
- 721193S: Advanced Auditing & Assurance, 6 op
- 721190S: Advanced Firm Valuation, 6 op
- 721189S: Advanced Financial Analysis, 6 op
- 721134S: Cost Management Systems, 6 op
- 721135S: Accounting Information Technology, 6 op
- 721963S: Corporate Finance, 6 op
- 721065S: Internship, 6 op
- 721003S: Muita laskentatoimen syventäviä opintoja, 0 op
- 721194S: Advanced Cost Accounting, 6 op
- 721559S: Venture Growth Strategies, 6 op
- 721191S: Financial Accounting Theory, 6 op
- 721197S: Advanced International Accounting, 6 op
- 721064S: Qualitative Methods in Business Research, 6 op
- 721961S: Entrepreneurial Finance, 6 op
- 721336S: Erikoisaihe, 6 op
- 721070S: Globally Responsible Business, 6 op
- 721195S: Advanced Management Control, 6 op
- 721192S: Management Accounting Research, 6 op
- 721130S: Pro gradu -tutkielma, laskentatoimi, 30 op

## Opintojaksojen kuvaukset

## Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

### H631236: Laskentatoimen kansainvälinen maisteriohjelma, 120 - 130 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Kokonaisuus

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opintokohteen kielet:** suomi

*Pääaineen opinnot*

### 721137S: International Financial Reporting, 6 op

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Anna Rossi

**Opintokohteen kielet:** englanti

**Leikkaavuudet:**

721170A Financial Analysis and Firm Valuation 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 ECTS credits.

**Opetuskieli:**

English.

**Ajoitus:**

Period A. It is recommended to complete the course during the Master's programme's 1<sup>st</sup> fall semester.

**Osaamistavoitteet:**

Upon completion of the course, the student is able to prepare and interpret financial statements and knows how and why managers can utilize flexibility in financial reporting. A student develops understanding of the economics of different business transactions, the environment in which financial reporting choices are made and knows how to use the resultant accounting information for various types of decisions. In addition, the student is aware of the main differences in financial reporting practices allowed in U.S. GAAP and International Financial Reporting (IFRS).

**Sisältö:**

Application of the major concepts of financial accounting under U.S. GAAP and IFRS: accrual accounting, matching principle, revenue recognition, and measurement and recognition of assets and liabilities. Preparation and analysis of financial statements: income statement, balance sheet, and cash flow statement.

**Järjestämistapa:**

Face-to-face teaching.

**Toteutustavat:**

Lectures (26 hours), exercises (10 hours), self-study (124h).

**Kohderyhmä:**

Major students.

**Esitietovaatimukset:**

Basic course in bookkeeping or Stickney, Weil, Schipper & Francis: Financial Accounting: an Introduction to Concepts, Methods and Uses, South-Western Cengage Learning, 13th Edition, Chapters 1-6.

**Yhteydet muihin opintojaksoihin:**

Not applicable.

**Oppimateriaali:**

[Revsine, Collins, Johnson & Mittelstaedt: Financial Reporting and Analysis, 5th ed. \(2011\) McGraw-Hill/Irwin. Selected chapters.](#)

[Or: Revsine, Collins, Johnson, Mittelstaedt & Soffer: Financial Reporting and Analysis, 6th ed. \(2015\). McGraw-Hill/Irwin. Selected chapters.](#)

**Suoritustavat ja arviointikriteerit:**

Exam.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Anna Elsilä

**Työelämäyhteistyö:**

This course provides essential knowledge and skills needed for working in accounting departments of companies following IFRS. Likewise investors, financial analysts and auditors working with such companies will need the skills developed during this course.

**Lisätiedot:**

The number of students is limited.

**721128S: Corporate Governance, 6 op**

**Voimassaolo:** 01.08.2010 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Kallunki Juha-Pekka

**Opintokohteen kielet:** englanti

**Laajuus:**

6 ECTS credits.

**Opetuskieli:**

English.

**Ajoitus:**

Period B. It is recommended to complete the course during the Master's programme's 1<sup>st</sup> Fall semester.

**Osaamistavoitteet:**

After passing the course, students are familiar with the agency theory and its various research and practical implications. They are also familiar with the elements of the governance system of the firm, are able to recognize the warning signs of the potential collapse of the governance system, can assess the features of different executive incentive system, and are able to recognize situations of likely accounting fraud. Students can act responsibly in difficult situations of being asked to act dishonestly. Finally, students are familiar with the practices of societally and environmentally sustainable business conduct and able to act professionally in teams, express their ideas analytically and effectively both in written and oral form.

**Sisältö:**

Lectures, case discussions and presentations, and videos simulating governance-related decisions.

**Järjestämistapa:**

Face-to-face –teaching, case presentations and discussions.

**Toteutustavat:**

36 h of lectures, 6 h of class discussions/student, case works 50 h, self-study 70 h.

**Kohderyhmä:**

Major students.

**Esitietovaatimukset:**

Not applicable.

**Yhteydet muihin opintojaksoihin:**

Not applicable.

**Oppimateriaali:**

[Kenneth Kim, John Nofsinger and Derek Mohr \(2010\), 'Corporate Governance', 3rd Edition, Pearson Prentice Hall](#); lecture notes; research articles; and cases.

**Suoritustavat ja arviointikriteerit:**

Exam and case works.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuuhenkilö:**

Professor Juha-Pekka Kallunki.

**Työelämäyhteistyö:**

Lecturer of Practice Pertti Huuskonen teaches a part of the course. Visiting Professor Henrik Nilsson (Stockholm School of Economics) teaches another part of the course. The course focuses heavily on working life skills on how students should react in challenging corporate governance situations in organizations.

**Lisätiedot:**

The number of students is limited.

**721066S: Principles of Econometrics, 6 op**

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Sanna Huikari

**Opintokohteen kielet:** englanti

**Leikkaavuudet:**

721060A Taloustieteiden tilastolliset perusmenetelmät 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 credits / 160 hours of work

**Opetuskieli:**

English

**Ajoitus:**

Period 1B.

**Osaamistavoitteet:**

After completing the course the student is familiar with the standard methods used in empirical analyses and with regression analysis relevant for analyzing economic data. In addition, the student can interpret and evaluate the outcomes of empirical analysis. Furthermore, he/she has basic knowledge of using statistical software in econometric analyses

**Sisältö:**

Statistical basics of econometrics and the use of basic econometric models in the analysis of different economic phenomena. The main focus is on dealing with the basic regression models adapted to cross-section data and familiarizing with the use of statistical software.

**Järjestämistapa:**

Face-to-face teaching.

**Toteutustavat:**

36 hours of lectures, 18 hours of exercises, exam 3 hours, preparing for the lectures, exercises and exam 103 hours.

**Kohderyhmä:**

First year Master's students in Economics, Accounting and Finance.

**Esitietovaatimukset:**

It is highly recommended that the student has already passed the course 806116P Basic Methods in Statistics 1 (in Finnish: 806116P Tilastotiedettä kauppatieteilijöille, previously: 806109P Tilastotieteen perusmenetelmät 1) or has elementary knowledge of statistics and probability theory.

**Oppimateriaali:**

[Stock James H., Watson Mark W.: Introduction to Econometrics, 2. or 3. edition.](#) Other material announced during the lectures.

**Suoritustavat ja arviointikriteerit:**

Written exam.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Professor Rauli Svento, Doctoral student Sanna Huikari

**Työelämäyhteistyö:**

In working life, when the skills of analyzing data are required, the skills learned during the course help a student in summarizing and interpreting the results of empirical studies. He/she can compare the results of various empirical studies and evaluate those critically. Student is able to independently carry out a small-scale econometric study by putting in practice the econometric methods (e.g. linear regression model and various statistical tests) discussed during the course.

**Lisätiedot:**

The number of students is limited.

**724204A: Management Control, 5 op**

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Aineopinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kaupparkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Sinikka Moilanen

**Opintokohteen kielet:** englanti

**Leikkaavuudet:**

721176A Management Control 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

5 credits/133 hours of work

**Opetuskieli:**

English

**Ajoitus:**

Period A (3rd year)

**Osaamistavoitteet:**

Upon completion of the course students can define the basic structure of a management control system. They are thus able to describe the design and development needs of management control systems. They can also identify and discuss viewpoints to be taken into account controlling multinational operations. Students can also apply basic accounting control tools, such as budgets and variance analysis, to simple control problems.

**Sisältö:**

Management control system design and development, including ethical concerns of and cultural influences on management control systems. Budgets and standards, variance analysis, profit centre accounting and transfer pricing, performance measurement.

**Järjestämistapa:**

Face-to-face teaching with materials and resources in Optima.

**Toteutustavat:**

Face-to-face teaching with integrated lectures and exercises 36 h, self-study 97 h. Lectures and exercises contain small cases and examples for illustrating theoretical concepts. Self-study includes theory-based analysis of case-based home assignments and calculations.

**Kohderyhmä:**

Major students in economics and business administration

**Esitietovaatimukset:**

Earlier modules (introduction to business studies, business processes and analytical skills)

**Yhteydet muihin opintojaksoihin:**

This course is part of Global perspectives -module

**Oppimateriaali:**

[Drury, C.: Management & Cost Accounting 7th Ed. 2008 \(Parts 4 & 5, pp. 346-591\), Cengage Learning EMEA;](#)

[Merchant, K. A. & Van der Stede, W. A.: Management control systems – performance measurement, evaluation and incentives, Prentice-Hall, 2nd Ed. 2007;](#)

other material defined by the responsible teacher;  
lecture notes and exercises.

**Suoritustavat ja arviointikriteerit:**

Students complete the course by completing case-based home assignments. The assessment of the course is based on the learning outcomes of the course unit, which means that in the home assignments they need to show both ability to describe theory in writing, and to apply basic control tools by calculations.

**Arviointiasteikko:**

This course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Lecturer Sinikka Moilanen.

**Työelämäyhteistyö:**

Students learn and rehearse basic calculations on budgeting, variance analysis and return on investment, which are the basic skills for accountants in organizations and relevant to understand for any business graduate. Case-based home assignments develop the students' ability to apply theoretical concepts in real-life situations in order to develop systems and solve problems.

**Lisätiedot:**

The number of students is limited.

**721957S: Fundamentals of Finance, 6 op**

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Perttunen, Jukka Olavi

**Opintokohteen kielet:** englanti

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 credits / 160 hours of work

**Opetuskieli:**

English

**Ajoitus:**

Period A

**Osaamistavoitteet:**

Upon completion of the course, the student understands the basic concepts of finance and is capable of applying them in financial problem solving. Students are also able to express their ideas analytically and effectively in written form.

**Sisältö:**

Interest rates and discounting, asset pricing, fixed-income securities, derivative securities, portfolio performance evaluation, corporate cash flows, firm valuation.

**Järjestämistapa:**

Face-to-face teaching.

**Toteutustavat:**

36 hours lectures and exercises, including two mandatory intermediate exams. Independent studying 124 hours.

**Kohderyhmä:**

Major students in finance. Elective for major students in accounting. The course is also available for the students, who need to complete their 25/60 ECTS credits minor in finance.

**Oppimateriaali:**

Lecture notes.

**Suoritustavat ja arviointikriteerit:**

During the course, there are two mandatory intermediate exams. In addition, the student has to complete a course project which includes a written report with a strict deadline. The final grade is assigned on the basis of the intermediate exams (50%) and the course project (50%).

**Arviointiasteikko:**

1-5

**Vastuhenkilö:**

Jukka Perttunen

**Työelämäyhteistyö:**

The course introduces the basic concepts and approaches which are necessary for any career in financial industry.

**Lisätiedot:**

The number of students is limited.

**721193S: Advanced Auditing & Assurance, 6 op**

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Petri Sahlström

**Opintokohteen kielet:** englanti

**Voidaan suorittaa useasti:** Kyllä

**Opetuskieli:**



English.

**Ajoitus:**

Period C. It is recommended to complete the course during the Master's programme's 1<sup>st</sup> spring semester.

**Osaamistavoitteet:**

After passing the course, the student is able to apply key theories underlying the audit process and research. Thus, the student is able to justify decisions made in audit work and research projects. For example, the student is able to assess audit risk and take it into account when planning audit tasks or when pricing audit services. Student is able to make responsible and ethical decisions in auditing tasks. Moreover, student is able to write, communicate, and have professional discussions around central auditing topics.

**Sisältö:**

Reasons why auditing exists. Concept of audit quality – quality surrogates. Audit sampling theories and applications. Professional responsibilities and ethics. Audit pricing.

**Järjestämistapa:**

Face-to-face – teaching in form of lectures, seminars and student's presentations.

**Toteutustavat:**

Lectures and seminars 36 h, term paper 40 h, self-study 84 h. These include class discussions with a visiting executive and students' presentations. The term paper is completed as a group work and presented and discussed in the class.

**Kohderyhmä:**

Major students.

**Esitietovaatimukset:**

The required prerequisite is the understanding of financial reporting and basics of auditing. Therefore, the recommended prerequisite is the completion of the following courses prior enrolling for the course unit: 721137S International Financial Reporting and 721132S Auditing.

**Yhteydet muihin opintojaksoihin:**

Not applicable.

**Oppimateriaali:**

[Eilifsen, Messier, Glover, Prawitt: Auditing & Assurance Services - International Edition, 2010 or newer.](#)

Reading package provided by the lecturer.

**Suoritustavat ja arviointikriteerit:**

The assessment criteria of the course unit are based on the learning outcomes of the course unit. Assessment covers the exam, the term paper (a group work) including the term paper presentations and discussions, preparation of in class discussions and presentations (group work).

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Professor Petri Sahlström.

**Työelämäyhteistyö:**

Students practice audit planning and audit tasks. Teachers of the course have strong practical experience from auditing work especially from company's top management point of view. One guest lecturer has 30 years of experience in top management (CEO, head of board) of listed companies. The other teachers have practical experience in boards of companies and audit supervision authorities.

**Lisätiedot:**

The number of students is limited.

**721190S: Advanced Firm Valuation, 6 op**

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opintokohteen kielet:** englanti  
**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 ECTS credits.

**Opetuskieli:**

English.

**Ajoitus:**

Period D. It is recommended to complete the course during the Master's programme's 1<sup>st</sup> Spring semester.

**Osaamistavoitteet:**

After passing the course students can use different firm valuation methods, can identify advantages and disadvantages of these methods, and can assess their usability in different valuation situations. Student can also analyze the determinants of the value creation of the firm, and can complete advanced analyses of profitability, financial leverage and growth of the firm. Students are also able to act professionally in teams, express their ideas analytically and effectively both in written and oral form.

**Sisältö:**

Lectures, exercises, and case discussions and presentations

**Järjestämistapa:**

Face-to-face teaching, case presentations and discussions.

**Toteutustavat:**

32 h of lectures, 8 h of exercises and class discussions/student, case works 50 h , self-study 70 h.

**Kohderyhmä:**

Major students.

**Esitietovaatimukset:**

The required prerequisite is the completion of the following courses prior to enrolling for the course unit: 721137S International Financial Reporting.

**Yhteydet muihin opintojaksoihin:**

Not applicable.

**Oppimateriaali:**

[Penman, S. A. \(2004\). Financial Statement Analysis and Security Valuation. McGraw-Hill](#); research articles; and cases.

**Suoritustavat ja arviointikriteerit:**

Electronic exam and case works.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Jenni Kallunki.

**Työelämäyhteistyö:**

The course focuses on working life skills on how financial analysts, corporate finance advisors and investors use firm valuation tools in daily tasks in their organizations.

**Lisätiedot:**

The number of students is limited.

**721189S: Advanced Financial Analysis, 6 op**

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Petri Sahlström

**Opintokohteen kielet:** englanti

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 ECTS credits.

**Opetuskieli:**

English.

**Ajoitus:**

Period D. It is recommended to complete the course during the Master's programme's 1<sup>st</sup> spring semester.

**Osaamistavoitteet:**

After passing the course, the student is able to use the analysis tools frequently applied in financial accounting. Thus, the student is able to assess and produce information needed in decision-making related to financial information. Moreover, the student is able to make their own research in the area of financial analysis literature. Student is able to write, communicate, and have professional discussions around central financial analysis topics.

**Sisältö:**

Distributional properties of financial ratios, predictability of the accrual- and cash flow-based financial statement items, and economic interpretation of financial ratios.

**Järjestämistapa:**

Face-to-face –teaching in form of lectures, seminars and student's presentations.

**Toteutustavat:**

Lectures and seminars 24 h, term paper 40 h, self-study 96 h. The term paper is completed as a group work and presented and discussed in the class.

**Kohderyhmä:**

Major students.

**Esitietovaatimukset:**

The required prerequisite is the understanding of financial reporting and financial analysis. Therefore, the recommended prerequisite is the completion of the following course prior enrolling for the course unit: 721137S International Financial Reporting.

**Yhteydet muihin opintojaksoihin:**

Not applicable.

**Oppimateriaali:**

[Rees, B. \(1995\). Financial Analysis. Prentice Hall.](#) Reading package.

**Suoritustavat ja arviointikriteerit:**

The assessment criteria of the course unit is based on the learning outcomes of the course unit. Assessment covers exam and term paper (a group work) including the term paper presentations and discussions.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Professor Petri Sahlström.

**Työelämäyhteistyö:**

After passing the course, the student is able to use the analysis tools frequently applied in financial accounting. Thus, the student is able to assess and produce information needed in decision-making related to financial information. All teachers have strong practical experience from various financial analysis tasks. E.g. one guest lecturer is working in a bank as a senior manager making financing decisions of the companies.

**Lisätiedot:**

The number of students is limited.

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Janne Järvinen

**Opintokohteen kielet:** englanti

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 ECTS credits

**Opetuskieli:**

English.

**Ajoitus:**

Period C. It is recommended to complete the course during the Master's programme's 1st spring semester.

**Osaamistavoitteet:**

After this course the student is able to identify and make use of various systems intended for reducing and controlling costs. S/he will also be able to recognize the types of calculations used in various decision making situations, and understand various business processes and operations and connections between them.

**Sisältö:**

Using cost information in decision making, cost allocations, ABC/M systems, cost management, target costing.

**Järjestämistapa:**

Face-to-face –teaching

**Toteutustavat:**

14h of lectures, 16h exercises and self-study 130 h, which includes case assignments.

**Kohderyhmä:**

Major students

**Esitietovaatimukset:**

Not applicable

**Yhteydet muihin opintojaksoihin:**

None

**Oppimateriaali:**

[Kaplan, R. and Atkinson, A. Advanced Management Accounting: Pearson New International Edition. 3rd Edition 2013, Chapters 1-6 & 12.](#)

[Braun, K.W. and Tietz, W.M. Managerial Accounting: 3th or newer ed., Chapter 4.](#)

[Drury, C. Management and cost accounting, 8th or newer ed. Cengage Learning EMEA, Chapters 21-22 and other specified parts.](#)

**Suoritustavat ja arviointikriteerit:**

Literature examination and exercises.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Assistant Professor Hannele Kantola.

**Työelämäyhteistyö:**

The course will develop essential skills required in the work of management accountant / controller, including the formulation and solving of cost calculation problems for reducing and controlling costs in various decision making situations.

**Lisätiedot:**

The number of students is limited.

**721135S: Accounting Information Technology, 6 op****Voimassaolo:** 01.08.2014 -**Opiskelumuoto:** Syventävät opinnot**Laji:** Opintojakso**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu**Arvostelu:** 1 - 5, hyv, hyl**Opettajat:** Pasi Ojala**Opintokohteen kielet:** englanti**Leikkaavuudet:**

721184A Accounting Information Technology 5.0 op

**Voidaan suorittaa useasti:** Kyllä**Laajuus:**

6 ECTS credits

**Opetuskieli:**

English

**Ajoitus:**Period C. It is recommended to complete the course during the Master's programme's 1<sup>st</sup> spring semester.**Osaamistavoitteet:**

After this course the student can evaluate how the management control of organizations rests upon its technological infrastructure, particularly ERP systems. The student will also be able to evaluate the requirements that such developments impose on management accountants and the management accounting function. S/he will understand how ERP systems connect accounting systems with other business processes such as sales, procurement, materials management and production. In addition, s/he will be able to analyze the key research issues related to this topic.

**Sisältö:**

Theoretical and practical issues on management accounting and reporting systems function in a modern ICT environment.

**Järjestämistapa:**

Face-to-face teaching.

**Toteutustavat:**

A total of 28 hours of lectures, seminars and IT class exercises, 132 hours of self-study including preparation to case presentation.

**Kohderyhmä:**

Major students.

**Esitietovaatimukset:**

Not applicable.

**Yhteydet muihin opintojaksoihin:**

Not applicable.

**Oppimateriaali:**

Collection of articles.

**Suoritustavat ja arviointikriteerit:**

Literature examination, case presentations.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Professor in management accounting.

**Työelämäyhteistyö:**

The course includes an exercise that makes use of the SAP system, which develops highly relevant skills for those seeking employment in large organizations.

**Lisätiedot:**

The number of students is limited.

**721963S: Corporate Finance, 6 op**

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Markku Vieru

**Opintokohteen kielet:** englanti

**Leikkaavuudet:**

721922A Yritysrahoituksen teoria 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 credits / 160 hours of work

**Opetuskieli:**

English

**Ajoitus:**

Period C

**Osaamistavoitteet:**

Upon completion of the course, the student understands the key concepts of corporate finance theory. The student is able to analyze the capital structure and payout decisions, motivations behind mergers and acquisitions, and the effects of conflicts of interest between different corporate stakeholders on corporate decision making.

**Sisältö:**

Signaling theory, agency theory, optimal capital structure, dividend policy, mergers and acquisitions.

**Järjestämistapa:**

Face-to-face teaching.

**Toteutustavat:**

36 hours lectures and exercises, including article presentations. Independent studying 124 hours.

**Kohderyhmä:**

Major students in finance. Elective for major students in accounting. The course is also available for the students, who need to complete their 25/60 ECTS credits minor in finance.

**Oppimateriaali:**

Lecture notes; [Copeland, Weston & Shastri: Financial Theory and Corporate Policy](#).

**Suoritustavat ja arviointikriteerit:**

Final exam.

**Arviointiasteikko:**

1-5

**Vastuuhenkilö:**

Markku Vieru

**Työelämäyhteistyö:**

The course enables the student to understand the practical consequences of the different financial decisions on the value of the firm.

**721065S: Internship, 6 op****Voimassaolo:** 01.08.2014 -**Opiskelumuoto:** Syventävät opinnot**Laji:** Työharjoittelu**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu**Arvostelu:** 1 - 5, hyv, hyl**Opintokohteen kielet:** englanti**Laajuus:**

6 credits / 160 hours of work

**Ajoitus:**

Free

**Osaamistavoitteet:**

The internship offers the students the opportunity to learn how to solve problems and to learn organizational tasks and responsibilities related to their major subject. Furthermore, the internship supports students to establish relationships to both working colleagues and business management and develops their communication skills within the organization and its network. The internship offers the students the possibility to develop their skills how to apply their knowledge in working environment and to increase their competence.

**Sisältö:**

The content is made up of the job description which is related to the student's major subject and which is provided by the organization where the internship will be accomplished. To be eligible for advanced level internship, the student should work either in a managerial position or as an independent specialist who has a responsible position with a possibility to use organizational resources.

**Toteutustavat:**

The student will work under the supervision of the internship instructor appointed by the company. First, student should contact lecturer Sauli Pajari to agree on the practicalities and documentation of the internship. Upon completion of the internship the student reflects and describes the internship period in the written report (8-10 pages) which will be returned with a weekly diary and a copy of the employment certificate to Sinikka Moilanen and Sauli Pajari.

The written report should be 8-10 pages and contain:

1. Description of the organization/company where the internship was completed
2. Description of the tasks, responsibilities and working methods during the internship
3. Description of how the tasks and responsibilities relate to the other functions of the organization
4. Description of how the internship relates to future career plans
5. Business development ideas for the Internship organization
6. Reflection on what was learned during the internship, how the learning relates to what has been learned earlier in the bachelor's and master's studies, and connecting the learning to theoretical concepts of the discipline.
  - A description of the organization/company where the internship was completed.
  - A detailed description of the tasks, responsibilities and working methods during the internship.
  - Description of how the tasks and responsibilities relate to the other functions of the organization.
  - Reflection on what was learned during the internship, how the learning relates to what has been learned earlier in the bachelor's and master's studies, and connecting the learning to theoretical concepts of the discipline.
  - Description of how the internship relates to future career plans.

**Kohderyhmä:**

Students of the OBS Master's programmes

**Esitietovaatimukset:**

Completed bachelor's studies.

**Yhteydet muihin opintojaksoihin:**

No

**Suoritustavat ja arviointikriteerit:**

Written internship report

**Arviointiasteikko:**

Pass/Fail

**Vastuhenkilö:**

Sauli Pajari and Sinikka Moilanen

**Työelämäyhteistyö:**

The student will work in an organization improving professional skills related to the major subject and developing business knowledge (and personal network).

**Lisätiedot:**

The internship is an elective course. Internship may also be a business development case or other relevant project (e.g. Demola/Business Kitchen), which needs to be accepted following the general process described above.

**721003S: Muita laskentatoimen syventäviä opintoja, 0 op**

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opintokohteen kielet:** suomi

**Voidaan suorittaa useasti:** Kyllä

**Suoritustavat ja arviointikriteerit:**

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

**721194S: Advanced Cost Accounting, 6 op**

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Janne Järvinen

**Opintokohteen kielet:** englanti

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 ECTS credits.

**Opetuskieli:**

English.

**Ajoitus:**

Period D. It is recommended to complete the course during the Master's programme's 1<sup>st</sup> spring semester.

**Osaamistavoitteet:**

After this course the student can construct cost accounting systems and critically evaluate the choices made in their design. S/he will be able to distinguish the systems that are most likely to be suitable for particular types of organizations. The student will also be able to use spreadsheet tools in performing complex cost accounting and budgeting calculations.

**Sisältö:**

Cost allocation theory and practice, variable vs. absorption cost systems, activity-based costing, TDABC systems.

**Järjestämistapa:**

Face-to-face –teaching.

**Toteutustavat:**

Lectures 12 h, spreadsheet (excel) + other computer lab exercises 28 h, teamwork and self-study 120 h.

**Kohderyhmä:**



Major students.

**Esitietovaatimukset:**

721134S Cost Management Systems

**Yhteydet muihin opintojaksoihin:**

Not applicable.

**Oppimateriaali:**

[Zimmerman, J.L. Accounting for Decision Making and Control, 8<sup>th</sup> ed. McGraw-Hill, Prentice-Hall, 2013.](#)

**Suoritustavat ja arviointikriteerit:**

Coursework, exercises and term paper.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Professor Janne Järvinen

**Työelämäyhteistyö:**

Students learn to master cost accounting calculations, as well as to make use of Excel to carry them out, which lie at the heart of management accounting practice. In addition, students will design a sophisticated TDABC system under the guidance of a practitioner.

**Lisätiedot:**

The number of students is limited.

**721559S: Venture Growth Strategies, 6 op**

**Voimassaolo:** 01.08.2010 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Sakari Sipola

**Opintokohteen kielet:** englanti

**Leikkaavuudet:**

ay721559S Venture Growth Strategies 6.0 op

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 credits / 160 hours of work

**Opetuskieli:**

English.

**Ajoitus:**

Period A. It is recommended to complete the course at the 1st autumn semester of the Master's program.

**Osaamistavoitteet:**

After the course, the student is able to tackle business development challenges both within existing companies and new firms. The student can exploit a series of frameworks and tools for (1) building market understanding and a match between the developed offering and market needs, and (2) organizing the needed resources and competencies for scaling the business at international markets. Students are also able to express their ideas analytically and effectively both in written and oral form.

**Sisältö:**

The course focuses on building and managing new high-growth ventures by applying the most recent advancements in the field. Practically orientated concepts like lean startup, customer development, design thinking and business model innovation are covered together with different forms of entrepreneurial finance such as angel investing and venture capital.

**Järjestämistapa:**

Face-to-face teaching, online activity.

**Toteutustavat:**

Blended teaching method of 36 hours of lectures and online material with reflection (72 h), reading the course literature (50 h), writing the report (38 h). The responsible person will provide further details in the first session.

**Kohderyhmä:**

Students of the Master's program in International Business Management

**Esitietovaatimukset:**

Basic and intermediate studies in international business management

**Yhteydet muihin opintojaksoihin:**

No

**Oppimateriaali:**

Article collection and online material.

**Suoritustavat ja arviointikriteerit:**

Assessment will be based on individual written report and lecture activity.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Sakari Sipola

**Työelämäyhteistyö:**

Visiting industry experts provide real-life cases and examples.

**Lisätiedot:**

The number of students is limited.

**721191S: Financial Accounting Theory, 6 op**

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Markku Vieru

**Opintokohteen kielet:** englanti

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 ECTS credits.

**Opetuskieli:**

English.

**Ajoitus:**

Period A. It is recommended to complete the course during the Master's programme's 2<sup>nd</sup> fall semester.

**Osaamistavoitteet:**

After the course the student is familiar with the main research areas in financial accounting and reporting. The student will acquire basic knowledge for understanding and solving specific research problems in financial accounting. The student will also have better tools to choose the topic of their Master's thesis. After attending and passing the course, the student can use SAS program in adjusting research data and completing empirical analysis.

**Sisältö:**

Executive compensation, earnings management and its implications, earnings response coefficients, value relevance of different type accounting information.

**Järjestämistapa:**

Face-to-face teaching.

**Toteutustavat:**

20 h of lectures and 16 hours of exercises, 124 h of self-study including preparing the term paper.

**Kohderyhmä:**

Major students.

**Esitietovaatimukset:**

721137S International Financial Reporting.

**Oppimateriaali:**

[Scott, W. R. \(2012\). Financial Accounting Theory. Prentice Hall;](#)

[Boehmer, Ekkehart, John Paul Broussard & Juha-Pekka Kallunki \(2002\). Using SAS in Financial Research. SAS Institute Inc;](#)

Lecture notes.

**Suoritustavat ja arviointikriteerit:**

Literature examination and term paper.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Markku Vieru.

**Työelämäyhteistyö:**

While this is essentially a theory course, understanding how and why accounting standards are developed to provide information for the investors is relevant for many accounting practitioners.

**Lisätiedot:**

The number of students is limited.

**721197S: Advanced International Accounting, 6 op**

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Henry Jarva

**Opintokohteen kielet:** englanti

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 ECTS credits.

**Opetuskieli:**

English.

**Ajoitus:**

Period B. It is recommended to complete the course during the Master's programme's 2<sup>nd</sup> fall semester.

**Osaamistavoitteet:**

After passing the course, the student is able to interpret and apply more challenging issues of International Financial Reporting Standards (IFRS) such as lease accounting, impairment of assets, measurement of financial instruments, financial reporting for owners' equity, intercorporate equity investments. In addition, the student is able to take a critical view on the IFRS Conceptual Framework and standard setting process.

**Sisältö:**

The course comprises the following topics: Fair value measurements, lease accounting, impairment of assets, measurement of financial instruments, financial reporting for owners' equity, intercorporate equity investments.

**Järjestämistapa:**

Face-to-face teaching and independent work.

**Toteutustavat:**

Lectures (20 hours), exercises (10 hours), term paper (32 hours), self-study (98 hours).

**Kohderyhmä:**

Major students.

**Esitietovaatimukset:**

721137S International Financial Reporting

**Yhteydet muihin opintojaksoihin:**

Not applicable.

**Oppimateriaali:**

[Revsine, Collins, Johnson & Mittelstaedt: Financial Reporting and Analysis, 5th ed. \(2011\). McGraw-Hill /Irwin. Selected chapters.](#)

[OR: Revsine, Collins, Johnson, Mittelstaedt & Soffer: Financial Reporting and Analysis, 6th ed. \(2015\). McGraw-Hill/Irwin.](#)

[OR: MacKenzie, Coetsee, Njikizana, Chamboko, Colyvas & Hanekom: Wiley IFRS 2014: Interpretation and Application of International Financial Reporting Standards \(11th Edition\). Selected chapters.](#)

**Suoritustavat ja arviointikriteerit:**

Exam (80%), term paper (20%).

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

TBA

**Työelämäyhteistyö:**

This course provides essential knowledge and skills needed for working in accounting departments of companies following IFRS. Likewise investors, financial analysts and auditors working with such companies will need the skills developed during this course.

**Lisätiedot:**

The number of students is limited.

**721064S: Qualitative Methods in Business Research, 6 op**

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Juha Tuunainen

**Opintokohteen kielet:** englanti

**Leikkaavuudet:**

721063A Tutkimusmenetelmät 8.0 op

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 credits / 160 hours of work

**Opetuskieli:**

English

**Ajoitus:**

Period A. It is recommended to complete the course at the 2nd autumn semester of the Master's program.

**Osaamistavoitteet:**

Upon completion of the course, students will be able to plan and conduct independent scientific research. They will have knowledge of how to apply methodological ideas and qualitative research methods so as to

produce new knowledge and report research results so achieved. Although the course mostly concentrates on the qualitative research, the students will learn to understand and assess research conducted by using quantitative research methods, too.

**Sisältö:**

Face-to-face teaching and group work will include the following themes: 1) research and writing as a process, 2) ethics in marketing, organizational and business research, 3) research approaches, 4) research planning and research design, 5) literature review, 6) modes of data collection, 7) data analysis techniques and tools, 8) conclusion drawing, 9) research evaluation.

**Toteutustavat:**

Lectures and group exercises (36 h), group work (70 h), self-study (54 h) including preparing for lectures and group exercises.

**Kohderyhmä:**

Students of the Master's program in Marketing and International Business Management

**Esitietovaatimukset:**

Basic and intermediate studies in Marketing or in International Business Management should have been completed.

**Yhteydet muihin opintojaksoihin:**

The course is an independent entity and does not require additional studies carried out at the same time.

**Oppimateriaali:**

Collection of articles and other material chosen by the teachers of the course.

**Suoritustavat ja arviointikriteerit:**

Group work. The assessment of the course is based on the learning outcomes of the course.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Associate Professor Juha Tuunainen.

**Työelämäyhteistyö:**

Students will learn analytical, methodological, and problem solving skills that will help them to deal with complex real-life business problems. They will learn to search for information and analyze it critically, evaluate the credibility of information and research results, and provide new knowledge to support managerial decisions.

**Lisätiedot:**

The number of students is limited.

**721961S: Entrepreneurial Finance, 6 op**

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Andrew Conlin

**Opintokohteen kielet:** englanti

**Leikkaavuudet:**

721371A Entrepreneurial Finance 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 credits / 160 hours of work

**Opetuskieli:**

English

**Ajoitus:**

Period B

**Osaamistavoitteet:**

Upon completion of the course, the student will understand the issues faced when financing entrepreneurial ventures. The student will also understand the interaction between the strategy and the financing of a start-up venture. The course will focus on the decisions from the entrepreneur's point of view, while also exposing students to the financier's point of view.

**Sisältö:**

Entrepreneur vs self-employed, the amount, timing, and source of funding, the structure of the funding, agency issues.

**Toteutustavat:**

36 hours of lectures and 124 hours of independent studying

**Kohderyhmä:**

Major students in finance. The course is also available for the students, who need to complete their 60 ECTS credits minor in finance.

**Oppimateriaali:**

Materials provided by instructors

**Suoritustavat ja arviointikriteerit:**

Final exam

**Arviointiasteikko:**

1-5

**Vastuhenkilö:**

Juha Joenväärä

**Työelämäyhteistyö:**

The understanding of the special issues facing entrepreneurial ventures is essential for the development of successful financing practices of small and medium-sized enterprises.

**Lisätiedot:**

The number of students is limited.

**721336S: Erikoisaihe, 6 op**

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opintokohteen kielet:** suomi

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 credits / 160 hours of work

**Opetuskieli:**

Varies depending on the way of completion.

**Ajoitus:**

Free.

**Osaamistavoitteet:**

If taken as an individual research assignment, upon completion the students demonstrate knowledge of the theories, concepts, frameworks and empirical findings of chosen discipline and they are able to identify and solve relevant problems, and make critical judgments based on them.

**Sisältö:**

Varies depending on individually agreed on assignment.

**Järjestämistapa:**

It may be, but is not limited to (1) An advanced level course passed in another university having different contents than those courses offered in the student's program, but otherwise fitting the structure of the studies. If necessary the course may be supplemented with additional tasks. (2) An essay/learning diary of about 20 pages, the requirements of which are agreed on in advance with the person responsible of the course within the major subject. (3) Ad hoc –course organized by OBS (4) A discipline-based business development case or other relevant project (e.g. Demola/Business Kitchen).

**Toteutustavat:**

Varies on the basis of individually agreed on assignment.

**Kohderyhmä:**

Students of OBS's Master's Programs

**Esitietovaatimukset:**

No

**Yhteydet muihin opintojaksoihin:**

No

**Oppimateriaali:**

To be agreed on with the person responsible of the course within the major subject

**Suoritustavat ja arviointikriteerit:**

Assessment is based on the learning outcomes of the course and the Master's program. Method varies depending on the individually agreed on assignment.

**Arviointiasteikko:**

The course can utilize a numerical grading scale 1-5 or be evaluated as pass/fail. In the numerical scale zero stands for fail.

**Vastuhenkilö:**

To be named by major subjects.

**Työelämäyhteistyö:**

Depends on the individually agreed on assignment.

**Lisätiedot:**

The number of students is limited.

**721070S: Globally Responsible Business, 6 op**

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Anne Keränen

**Opintokohteen kielet:** englanti

**Leikkaavuudet:**

ay721070S Globally Responsible Business (AVOIN YO) 6.0 op

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 credits / 160 hours of work

**Opetuskieli:**

English

**Ajoitus:**

Period C.

**Osaamistavoitteet:**

Upon completion of the course, students are able to demonstrate detailed knowledge of responsible behaviors in global and local business from the viewpoint of their major discipline. The students are able to work in multidisciplinary groups and create a collective approach for uniting economic with socially and environmentally responsible bottom lines within a global business context. Students are also able to express their ideas in written and oral form and communicate them online.

**Sisältö:**

The course deals with the diversity of contemporary business issues related to sustainability and responsibility when operating in the global marketplace. Based on the triple-bottom-line concept students are introduced to theoretical and practical perspectives from the disciplines of accounting, economics, finance, management/international business and marketing. Students learn to detect, analyze, and create different approaches of how to globally and locally achieve social and environmental goals in addition to economic objectives of a business.

**Järjestämistapa:**

Online study methods.

**Toteutustavat:**

Independent study of the given material 70h, online discussions and groupwork 70h, and conducting individual assignments and learning reports 20h.

**Kohderyhmä:**

Students from all OBS Master's programmes.

**Esitietovaatimukset:**

30 ects (5 Master level courses).

**Yhteydet muihin opintojaksoihin:**

-

**Oppimateriaali:**

Course Book (to be announced later), articles and materials provided by the course instructors.

**Suoritustavat ja arviointikriteerit:**

Individual contributions (reports, video, online exam) count for 60% and group contributions (blogpost, case report) 40%.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. The course consist of five different parts and students acquire a grade by passing the five different parts in numerical order.

**Vastuhenkilö:**

Anne Keränen, Jan Hermes and Prof. Pauliina Ulkuniemi

**Työelämäyhteistyö:**

The course includes global and local real life case examples and analyses. Course learning methods advance modern communication and interaction methods relevant in work life. Students gain abilities to perceive and develop responsibility in business.

**Lisätiedot:**

The course is available and obligatory for OBS Master level students.

**721195S: Advanced Management Control, 6 op**

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Sinikka Moilanen

**Opintokohteen kielet:** englanti

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 credits / 160 hours of work



**Opetuskieli:**

English.

**Ajoitus:**

Period A. It is recommended to complete the course during the Master's programme's 2<sup>nd</sup> fall semester.

**Osaamistavoitteet:**

Upon the completion of the course students can identify various theoretical perspectives on studying management control systems. Students are able to analyse management accounting and control research with the help of those perspectives, which assists them in their Master's Thesis work. They are also able to combine the research findings to their own experiences and real business life. Students can thus compare the functionality of different accounting control tools and assess the multifaceted influences management accounting and control tools may have on the organization and on people's behaviour.

**Sisältö:**

The organizational and people side of accounting and control systems: how budgeting, transfer pricing, financial and non-financial performance measures may be used to influence, motivate and control what people do in organizations.

**Järjestämistapa:**

Face-to-face teaching.

**Toteutustavat:**

Lectures with small group-based exercises 28 h and a possibility for blended learning with the help of Optima, term paper 63 h, self-study 63 h.

**Kohderyhmä:**

Major students of Accounting and International Business Management.

**Esitietovaatimukset:**

Basic course of management accounting or management control; OR Kaplan, R., Atkinson, A: Advanced Management Accounting: Pearson New International Edition (as applicable), 3rd Edition (2013), Sections 7-10.

**Yhteydet muihin opintojaksoihin:**

Courses of Management Accounting specialization or the first year studies of International Business Management programme.

**Oppimateriaali:**

[Hopper, T.; Scapens, R. W.; Northcott, D.: Issues in Management Accounting \(Chapters 9, 11 and 12\), Prentice Hall, 3rd edition \(2007\);](#)

A Collection of Articles.

**Suoritustavat ja arviointikriteerit:**

Students complete a lecture and literature examination in Examinarium and write a term paper independently or in a group. Both comprise 50% of the final grade. Assessment is based on the learning outcomes of the course unit and the more detailed assessment criteria will be available in the course material. The students may also choose to compensate a part of the exam by participating actively in the lectures and/or doing home assignments in Optima.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Lecturer Sinikka Moilanen.

**Työelämäyhteistyö:**

Students learn how to use research findings in order to understand the functionality of different accounting control tools. They are able to design accounting-based management control tools and assess their effects on the behavior of employees. Visiting lecturer from a management consultancy firm discusses international transfer pricing.

**Lisätiedot:**

The number of students is limited.

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Opintojakso

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Janne Järvinen

**Opintokohteen kielet:** englanti

**Voidaan suorittaa useasti:** Kyllä

**Laajuus:**

6 ECTS credits.

**Opetuskieli:**

English.

**Ajoitus:**

Period B. It is recommended to complete the course during the Master's programme's 2<sup>nd</sup> fall semester.

**Osaamistavoitteet:**

Upon completion of this course the student will distinguish between the major paradigms and research traditions in management accounting, as well as their philosophical foundations. S/he will recognize different types of research processes and scientific journals in management accounting, and, ultimately, will be able to use this information in his/ her own Master's thesis work. Both oral and written presentation skills will also be developed.

**Sisältö:**

Research traditions, field and case studies, contingency theory, management accounting journals.

**Järjestämistapa:**

Face-to-face teaching.

**Toteutustavat:**

12 h of lectures and 12 h of article seminars, 136 h of self-study.

**Kohderyhmä:**

Major students.

**Esitietovaatimukset:**

Not applicable.

**Yhteydet muihin opintojaksoihin:**

Not applicable.

**Oppimateriaali:**

[Gummesson, E. Qualitative Methods in Management Research, 2nd ed. Sage Publications, 2000.](#)

[Smith, E. Research Methods in Accounting, 3rd edition, SAGE.](#)

Other material designated by the lecturer.

**Suoritustavat ja arviointikriteerit:**

Phase one: Lecture and literature examination. Phase two: Written analyses on a number of scientific articles, presentation of one article and active participation at seminar sessions.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

**Vastuhenkilö:**

Professor Janne Järvinen

**Työelämäyhteistyö:**

This is essentially a theoretical course that aims for more efficient master's thesis work.

**Lisätiedot:**

The number of students is limited.

**Opiskelumuoto:** Syventävät opinnot

**Laji:** Lopputyö

**Vastuuyksikkö:** Oulun yliopiston kauppakorkeakoulu

**Arvostelu:** 1 - 5, hyv, hyl

**Opettajat:** Kallunki Juha-Pekka

**Opintokohteen kielet:** suomi, englanti

**Laajuus:**

30 credits/ 800 hours

**Opetuskieli:**

English. Master's thesis can be written in Finnish or in English.

**Ajoitus:**

Periods A-D on the 2nd year of master's studies.

**Osaamistavoitteet:**

Upon completion of the thesis students can choose and apply appropriate research methods to produce new knowledge and to apply that knowledge to typical business decision-making problems. Students are able to conduct scientific research and make reasonable recommendations for solving business and economic problems. Furthermore, students demonstrate deep and coherent understanding of an academic field of study within their own major. They are able to demonstrate knowledge of the theories, concepts, frameworks and empirical findings of their discipline and understand the connections between various theories in the chosen discipline.

Students will demonstrate deep understanding of their own profession, and are able to use, process and analyze economic and/or business information. Students understand various business processes and operations, and causal connections between them. Finally, students are able to express their ideas effectively and analytically, both in oral and written form.

**Sisältö:**

Most of the work is independent writing of the thesis report, but during the master's thesis work students participate in seminar sessions in which they present and report the status and advancement of their work. In the seminars they receive guidance and feedback from their supervisor on how to proceed in and complete their research report. Description of the process and other relevant information are available at <http://www.oulu.fi/oulubusinessschool/mastersthesisprocess>

**Järjestämistapa:**

Face-to-face teaching in seminar sessions.

**Toteutustavat:**

Independent work and face-to-face teaching in seminar sessions. Students prepare and present three reports during the course: 1) Research plan, 2) Intermediate report and 3) Manuscript. The works starts with a kick-off session and the progress and timing of the sessions is agreed on in the kick-off session.

**Kohderyhmä:**

Students of the Master's program in Accounting

**Esitietovaatimukset:**

723020A Bachelor's Thesis or another university degree.

**Yhteydet muihin opintojaksoihin:**

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**Oppimateriaali:**

Scientific articles and other theoretical and empirical materials collected by the students for their individual study.

**Suoritustavat ja arviointikriteerit:**

Examination through written research report.

**Arviointiasteikko:**

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for fail.

**Vastuhenkilö:**

Professors

**Työelämäyhteistyö:**

Working life cooperation is dependent on the particular project. However, the students will learn problem solving and analytical skills as well as oral and written presentation skills needed for a business graduate in working life. Students deepen their understanding of their own profession.

**Lisätiedot:**

Open only to students of the Master's programs in Accounting